

IMPORTANT DATES

Last date of application
6th November, 2025 (Thursday)

Communication to Participants
7th November, 2025 (Friday)



Interested eligible
candidates can register
through google form
<https://forms.gle/mCXieMJ7YzeswyVw5>

Address of correspondence

Director (CAFT),
AG&B Division, ICAR -NDRI,GT Road, Karnal
-132001 (Haryana)
Mobile: 8394988581; 9729000511
email:caftagb2022@gmail.com;
vohravikas@gmail.com



Chief Patron

Dr. Dheer Singh
Director, ICAR-NDRI

Patron

Dr A K Singh
Joint Director (A), ICAR-NDRI

Dr. Rajan Sharma
Joint Director (R), ICAR-NDRI

Director CAFT & Course-Director

Dr. Vikas Vohra
Head, AG&B Division
ICAR-NDRI, Karnal

Course Co-ordinator

Dr Rani Alex
Senior Scientist, AG&B

Dr. T.V. Raja
Principal Scientist, AG&B

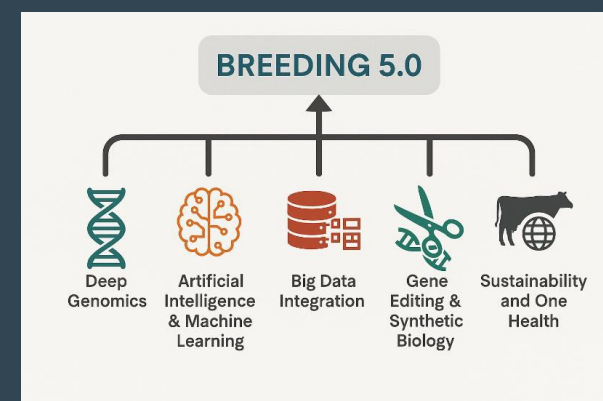


38th NATIONAL TRAINING PROGRAMME

on

Next-Gen Animal Breeding: A Hands-on Approach to Genomics, Selection Strategies, and Artificial Intelligence in Dairy Animals

19th November to 9th December, 2025



SPONSORED BY

Agricultural Education Division
Indian Council of Agricultural
Research, New Delhi

ORGANIZED BY

Centre of Advanced Faculty Training
in Animal Genetics & Breeding
ICAR-National Dairy Research
Institute, Karnal - 132 001 (Haryana)



ABOUT THE COURSE

The rapid evolution in animal breeding technologies necessitates the transition from traditional genetic evaluation methods to integrative, data-driven, and precision-oriented approaches. The training programme "Next-Gen Animal Breeding: A Hands-on Approach to Genomics, Selection Strategies, and Artificial Intelligence in Dairy Animals" is timely and essential, considering the current demands in the discipline. Participants will gain/understand modern concepts of quantitative genetics and genomic selection. Learn and apply genotyping, sequencing, and genomic evaluation tools. Interpret omics data for trait selection and genetic improvement. Integrate field records with genomic tools for precision breeding. Build competency in bioinformatics, R, and open-source tools for genetic analysis. The training program is being organized with the objective to equip participants with theoretical knowledge and practical skills in applying genomics and computational tools for animal selection and breeding decisions.

ELIGIBILITY

The training is open for faculty of SAU, SVU, ICAR Institutes and Central Universities with Master's degree (Animal Genetics & Breeding /Animal Biotechnology/Allied Disciplines), working in the cadre not below the rank of Scientist, Assistant Professor or equivalent.

TA & ACCOMMODATION

Expenses on lodging and boarding arrangements for selected participants will be borne by the organizers (NDRI, Karnal). TA to the participants from SAU's and other ICAR institutions will be paid as per their entitlement for the class of travel restricted to the maximum of AC-II Tier fare by the shortest route. Participants are required to produce the original of tickets in support of their claim. (Air travel is not allowed). No accompanying person will be allowed.

HOW TO APPLY

The participants may send their duly filled application form in the given format after getting necessary approval from their competent authority of their organization to the Course Director on the address given in the brochure.

The participants may submit the advance copy in the given format, but their candidature will be finalized only after the duly filled application form in the given format is received after getting necessary approval from their competent authority.

A registration fee (non-refundable) of Rs. 1000/- per participants (Rs. 5000/- in case of candidates from private ICAR-accredited Colleges/Universities) should be paid by all the participants.

Next-Gen Animal Breeding: A Hands-on Approach to Genomics, Selection Strategies, and Artificial Intelligence in Dairy Animals (November 19-December 9, 2025) Application format

1. Name
2. Designation
3. Present employee address
4. Address to which reply should be sent
5. Permanent Address
6. Date of Birth
7. Sex
8. Teaching/research/professional experience (mention post held) during last five years
9. Number of publications
10. Marital status
11. Details of training/ seminar/ short course attended during the last five years under ICAR/other organizations
12. Details of registration fee paid
13. Academic Record

Degree	Discipline	Year	Class	University
PhD				
Master				
Bachelor				
Other				

Signature of the Applicant
Date _____ Place _____
13. Recommendation of forwarding Institute
Certificate

It is certified that the information was furnished by the office record and was found correct
Signature _____ Designation _____
Address _____ Date _____